

CLAIMS

1. (Currently Amended) A method of speech recognition, comprising:
receiving voice input at a mobile communications device;
associating a confidence measure with each voice pattern in of a set of stored voice
patterns according to stored in memory of the mobile communications device based on
how closely the stored voice pattern matches the voice input;
acquiring location information determining the current geographical position of the mobile
communications device; and
modifying at least one of the confidence measures based upon the ~~location information~~
current geographical position of the mobile communications device.
2. (Original) The method of claim 1, wherein the voice input comprises a spoken label
corresponding to an electronic address.
3. (Original) The method of claim 2, wherein the electronic address comprises a
telephone number.
4. (Original) The method of claim 2, wherein the electronic address comprises an
e-mail address.
5. (Original) The method of claim 2, wherein the electronic address comprises a
Uniform Resource Locator.

6. (Currently Amended) The method of claim 1, wherein ~~acquiring location information~~
determining the current geographical position of the mobile communications device
comprises determining the geographical coordinates of the mobile communications
device ~~the use of~~ using a Global Positioning System receiver.

7. (Currently Amended) The method of claim 1, wherein ~~acquiring location information~~
determining the current geographical position of the mobile communications device
comprises determining the geographical coordinates of the mobile communications
device ~~the use of~~ using terrestrial cellular positioning.

8. (Currently Amended) The method of claim 1, wherein ~~acquiring location information~~
determining the current geographical position of the mobile communications device
comprises examining the identification code of one or more base stations.

9. (Currently Amended) The method of claim 1, wherein ~~acquiring location information~~
determining the current geographical position of the mobile communications device
comprises examining one of an area code, exchange code, or country code.

10. (Currently Amended) The method of claim 1, wherein ~~the location information~~
~~comprises the current location of a mobile communication device and~~ each stored voice
pattern corresponds to a stored telephone number.

11. (Currently Amended) The method of claim 10, wherein each stored telephone
number ~~corresponds to~~ is associated with a corresponding location.

12. (Currently Amended) The method of claim 11, ~~wherein the location information~~
further ~~comprises the~~ comprising determining, for each of the corresponding locations, a
distance between the current ~~location~~ position of the mobile communication device and
the location corresponding to each stored telephone number.
13. (Currently Amended) The method of claim 12, wherein modifying comprises
increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in
which the corresponding distance is less than a predetermined threshold.
14. (Currently Amended) The method of claim 12, wherein modifying comprises
decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in
which the corresponding distance is greater than or equal to a predetermined threshold.
15. (Currently Amended) The method of claim 12, wherein modifying comprises increasing the
confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the
corresponding distance is less than a predetermined threshold and decreasing the confidence
measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding distance
is greater than or equal to the predetermined threshold.
16. (Currently Amended) The method of claim 10, wherein modifying comprises increasing the
confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which a sub-part of the
corresponding stored telephone number corresponds to a geographical region within which the
current ~~location~~ position of the mobile communication device lies.
17. (Original) The method of claim 16, wherein the sub-part is one of an area code,
exchange code, or country code.

18. (Currently Amended) The method of claim 10, wherein modifying comprises decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which a sub-part of the corresponding stored telephone number does not correspond to a geographical region within which the current ~~location~~ position of the mobile communication device lies.

19. (Currently Amended) The method of claim 10, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which a sub-part of the corresponding stored telephone number corresponds to a geographical region within which the current ~~location~~ position of the mobile communication device lies and decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which a sub-part of the corresponding stored telephone number does not correspond to the geographical region.

20. (Currently Amended) The method of claim 10, ~~wherein the location information further comprises~~ comprising recording a record of previous telephone calls made using the mobile communication device and ~~the~~ corresponding locations from which the previous telephone calls were made.

21. (Currently Amended) The method of claim 20, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which the corresponding stored telephone number has been called from the current ~~location~~ position of the mobile communication device with a frequency exceeding a predetermined threshold, based upon the record of previous calls.

22. (Currently Amended) The method of claim 20, wherein modifying comprises decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which the corresponding stored telephone number has been called from the current ~~location-position~~ of the mobile communication device with a frequency less than or equal to a predetermined threshold, based upon the record of previous calls.

23. (Currently Amended) The method of claim 20, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which the corresponding stored telephone number has been called from the current ~~location-position~~ of the mobile communication device with a frequency exceeding a predetermined threshold, based upon the record of previous calls, and decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~ which the corresponding stored telephone number has been called from the current ~~location-position~~ of the mobile communication device with a frequency less than or equal to the predetermined threshold.

24. (Currently Amended) The method of claim 10, ~~wherein the location information further comprises~~ comprising using user preferences ~~identifying to identify~~, for at least one designated ~~location~~ position, at least one of the stored telephone numbers that is most likely to be called from the designated ~~location~~ position.

25. (Currently Amended) A method for voice-dialing in a mobile communication device, comprising:
- receiving voice input at a mobile communications device, the voice input comprising a
~~spoken-label~~ voice pattern corresponding to a desired telephone number;
- associating a confidence measure with each voice pattern ~~of in~~ a set of stored voice
~~patterns according to~~ based on how closely the stored voice pattern matches the voice
input, wherein each voice pattern corresponding corresponds to a stored telephone
number stored in the mobile communications device;
- computing ~~the a~~ difference between ~~the a~~ greatest confidence measure and next-to-greatest
confidence ~~measures~~ measure;
- dialing the stored telephone number corresponding to the greatest confidence measure if
the difference exceeds a predetermined threshold; ~~and~~
- ~~acquiring location information~~ determining a current geographical position of the mobile
communications device comprising the current location of the mobile communication
device; ~~and~~
- modifying ~~the each~~ confidence ~~measures~~ measure corresponding to one or more of the
stored telephone numbers based upon the ~~location information~~ the current geographical
position of the mobile communications device, and dialing the stored telephone number
corresponding to ~~the resulting a~~ greatest resulting confidence measure if the difference
is less than the predetermined threshold.
26. (Currently Amended) The method of claim 25, wherein ~~acquiring location~~
~~information~~ determining the current geographical position of the mobile communications
device comprises determining the geographical coordinates of the mobile
communications device ~~the use of~~ using a Global Positioning System receiver.

27. (Currently Amended) The method of claim 25, wherein ~~acquiring location~~
~~information~~ determining the current geographical position of the mobile communications
device comprises determining the geographical coordinates of the mobile
communications device ~~the use of~~ using terrestrial cellular positioning.

28. (Currently Amended) The method of claim 25, wherein ~~acquiring location~~
~~information~~ determining the current geographical position of the mobile communications
device comprises examining the identification code of one or more base stations.

29. (Currently Amended) The method of claim 25, wherein each stored telephone
number ~~corresponds to~~ is associated with a corresponding location, and ~~the location~~
~~information~~ further comprises comprising determining, for each corresponding location,
~~the~~ a distance between the current ~~location~~ position of the mobile communication device
and the location corresponding to each stored telephone number.

30. (Currently Amended) The method of claim 29, wherein modifying comprises
increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~
which the corresponding distance is less than a predetermined threshold.

31. (Currently Amended) The method of claim 29, wherein modifying comprises
decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for in~~
which the corresponding distance is greater than or equal to a predetermined threshold.

32. (Currently Amended) The method of claim 29, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding distance is less than a predetermined threshold and decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding distance is greater than or equal to the predetermined threshold.

33. (Currently Amended) The method of claim 25, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which a sub-part of the corresponding stored telephone number corresponds to a geographical region within which the current ~~location~~ position of the mobile communication device lies.

34. (Original) The method of claim 33, wherein the sub-part is one of an area code, exchange code, or country code.

35. (Currently Amended) The method of claim 25, wherein modifying comprises decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which a sub-part of the corresponding stored telephone number does not corresponds to a geographical region within which the current ~~location~~ position of the mobile communication device lies.

36. (Currently Amended) The method of claim 25, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which a sub-part of the corresponding stored telephone number corresponds to a geographical region within which the current ~~location~~ position of the mobile communication device lies and decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which a sub-part of the corresponding stored telephone number does not correspond to the geographical region.

37. (Currently Amended) The method of claim 25, ~~wherein the location information~~ further ~~comprises~~ comprising recording a record of previous telephone calls made using the mobile communication device and ~~the~~ corresponding locations from which the previous telephone calls were made.

38. (Currently Amended) The method of claim 37, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding stored telephone number has been called from the current ~~location~~ position of the mobile communication device with a frequency exceeding a predetermined threshold, based upon the record of previous calls.

39. (Currently Amended) The method of claim 37, wherein modifying comprises decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding stored telephone number has been called from the current ~~location~~ position of the mobile communication device with a frequency less than or equal to a predetermined threshold, based upon the record of previous calls.

40. (Currently Amended) The method of claim 37, wherein modifying comprises increasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding stored telephone number has been called from the current ~~location~~ position of the mobile communication device with a frequency exceeding a predetermined threshold, based upon the record of previous calls and decreasing the confidence measure ~~associated with~~ for each stored voice pattern ~~for~~ in which the corresponding stored telephone number has been called from the current ~~location~~ position of the mobile communication device with a frequency less than or equal to the predetermined threshold.

41. (Currently Amended) The method of claim 25, ~~wherein the location information~~ further ~~comprises~~ using user preferences ~~identifying~~ to identify, for at least one designated location, at least one of the stored telephone numbers that is most likely to be called from the designated location.

42. (Currently Amended) A mobile communication device, comprising:
- a microphone to receive voice input from a user of a mobile communications device;
 - a speech recognition circuit that provides to provide confidence measures based on a comparison of the voice input and each of a plurality of voice patterns stored on the mobile communications device, wherein the voice input comprises a label indicative of a remote party;
 - positioning circuitry for acquiring location information to determine a current geographical position of the mobile communications device; and
 - logic for modifying to adjust each of the confidence measures based on the location information current geographical position of the mobile communications device.
43. (Currently Amended) The communication device of claim 42, wherein the positioning circuitry for acquiring location information comprises a Global Positioning System receiver.
44. (Currently Amended) The communication device of claim 42, wherein the positioning circuitry for acquiring location information derives at least a portion of the location information current geographical position of the mobile communications device using terrestrial cellular positioning.
45. (Currently Amended) The communication device of claim 42, wherein the positioning circuitry for acquiring location information derives at least a portion of the location information current geographical position of the mobile communications device based on the identification code of one or more base stations.

46. (Currently Amended) The communication device of claim 42, wherein the positioning circuitry ~~for acquiring location information~~ derives at least a portion of the ~~location information~~ current geographical position of the mobile communications device from one of an area code, exchange code, or country code.

47-52. (Cancelled).